

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062877.D
 Acq On : 16 Sep 2024 12:28
 Operator : JU/RC
 Sample : P3899-16
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC52

Quant Time: Sep 16 13:12:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

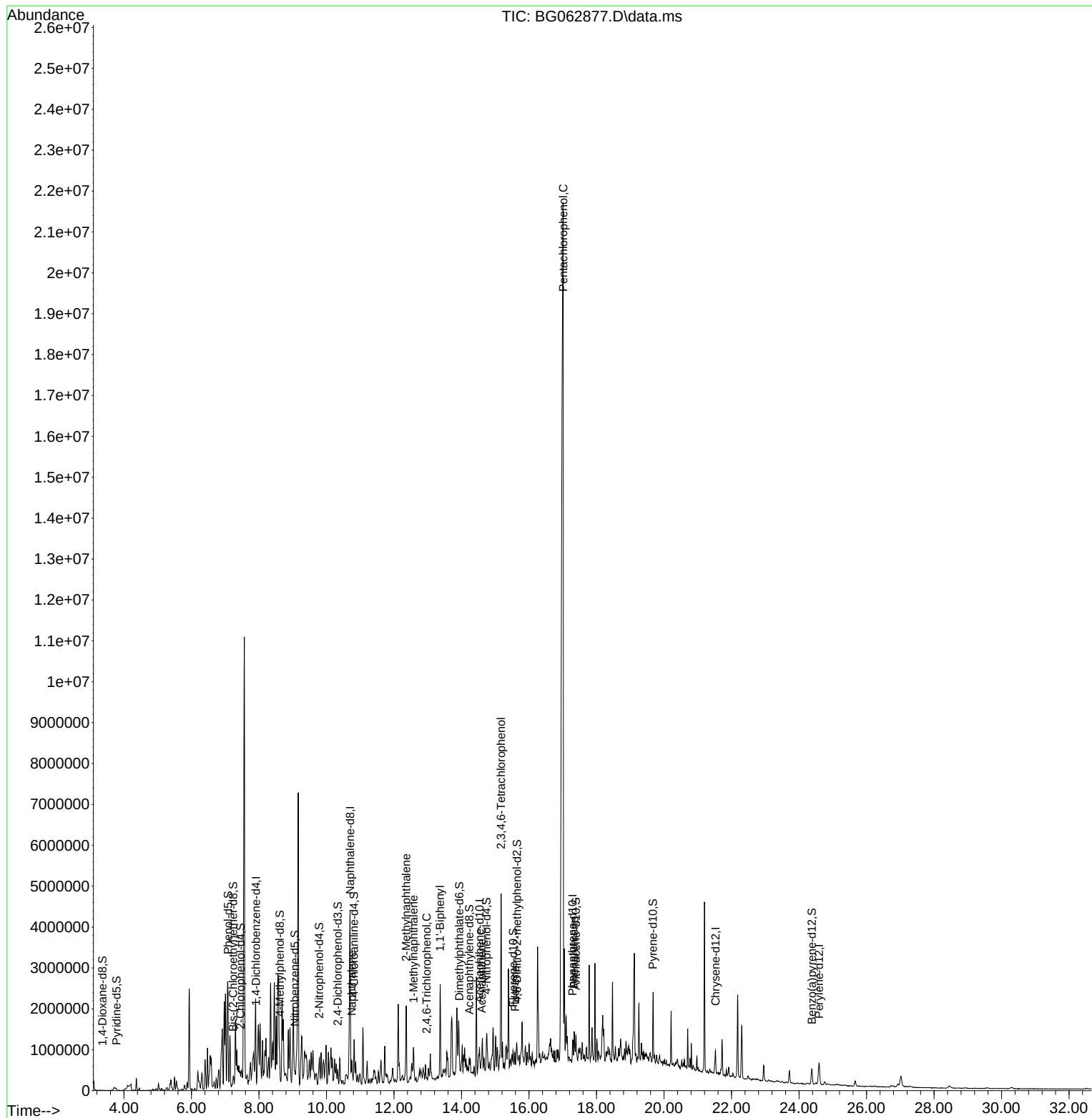
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	38070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	141893	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.534	164	124822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.295	188	295296	20.000	ng/ul	0.02
79) Chrysene-d12	21.526	240	334025	20.000	ng/ul	# 0.00
88) Perylene-d12	24.593	264	383801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2614	3.104	ng/uL	0.00
4) Pyridine-d5	3.782	84	14805	5.523	ng/ul	0.01
7) Phenol-d5	7.084	99	60769	18.204	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.236	67	45472	22.720	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	48238	19.838	ng/ul	0.01
15) 4-Methylphenol-d8	8.617	113	43154	15.512	ng/ul	0.00
21) Nitrobenzene-d5	9.064	128	26926	26.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	29138	26.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.333	165	58118	24.062	ng/ul	0.01
31) 4-Chloroaniline-d4	10.815	131	67038	20.192	ng/ul	-0.02
46) Dimethylphthalate-d6	13.934	166	189465	19.711	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	217001	20.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	30614	18.748	ng/ul	0.00
60) Fluorene-d10	15.533	176	173158	19.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	32226	18.972	ng/ul	0.00
73) Anthracene-d10	17.389	188	281207	20.178	ng/ul	0.01
81) Pyrene-d10	19.669	212	381214	20.281	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	424161	20.930	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.750	128	277019	36.411	ng/ul	97
36) 2-Methylnaphthalene	12.360	142	627618	111.774	ng/ul	96
37) 1-Methylnaphthalene	12.577	142	356078	61.909	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.965	196	5565	2.141	ng/ul	88
43) 1,1'-Biphenyl	13.364	154	43510	4.957	ng/ul#	93
52) Acenaphthene	14.598	153	29579	3.705	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	988825	349.638	ng/ul#	97
61) Fluorene	15.585	166	64207	6.892	ng/ul#	91
71) Pentachlorophenol	17.013	266	9307281	4010.726	ng/ul#	79
72) Phenanthrene	17.336	178	340093	22.147	ng/ul	98

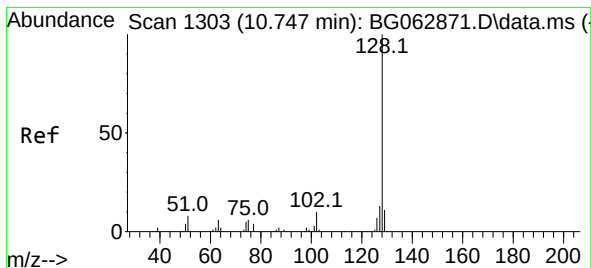
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration





#30

Naphthalene

Concen: 36.411 ng/ul

RT: 10.750 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

Instrument :

BNA_G

ClientSampleId :

DDC52

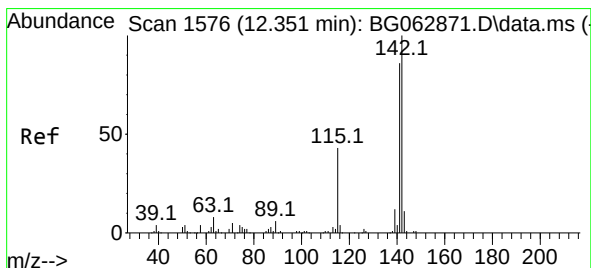
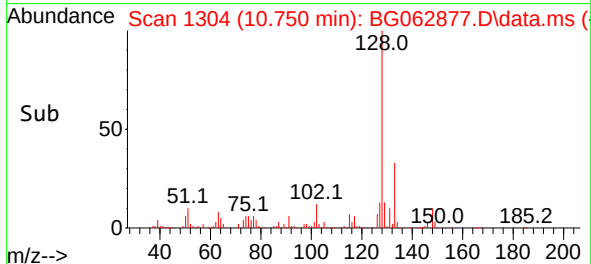
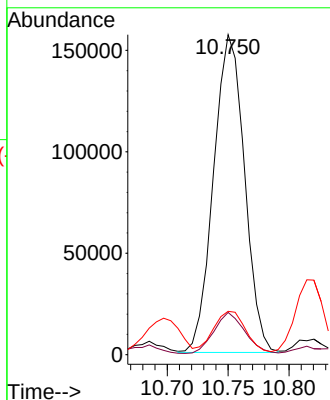
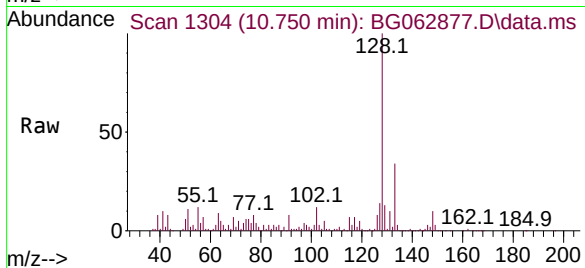
Tgt Ion:128 Resp: 277019

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

127 13.6 10.7 16.1



#36

2-Methylnaphthalene

Concen: 111.774 ng/ul

RT: 12.360 min Scan# 1578

Delta R.T. 0.001 min

Lab File: BG062877.D

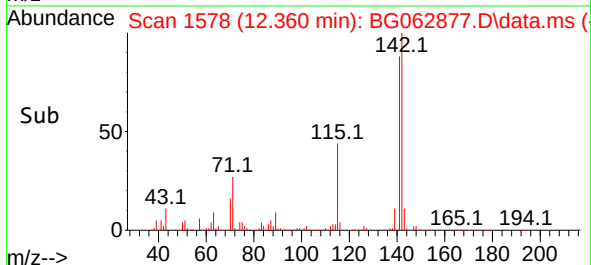
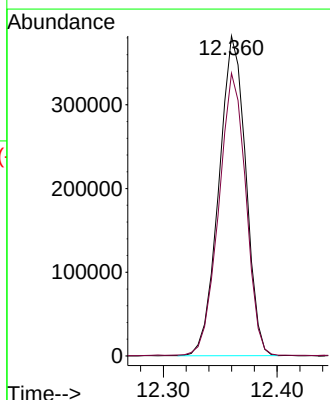
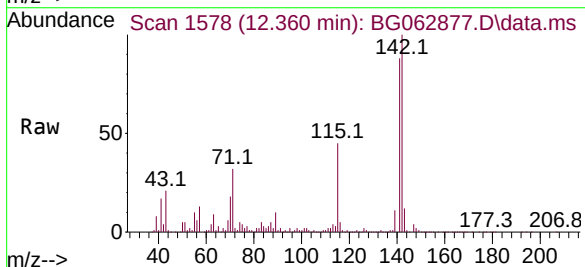
Acq: 16 Sep 2024 12:28

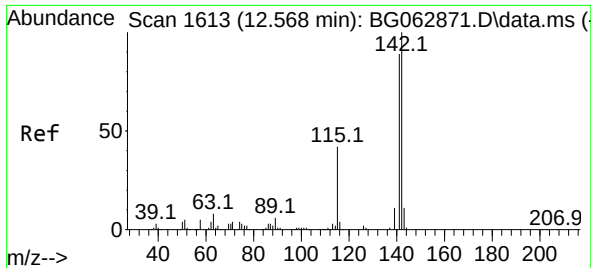
Tgt Ion:142 Resp: 627618

Ion Ratio Lower Upper

142 100

141 88.3 73.4 110.2





#37

1-Methylnaphthalene

Concen: 61.909 ng/ul

RT: 12.577 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

Instrument :

BNA_G

ClientSampleId :

DDC52

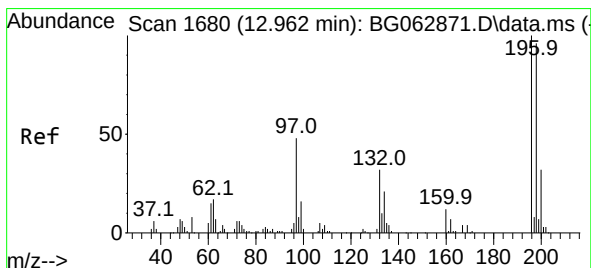
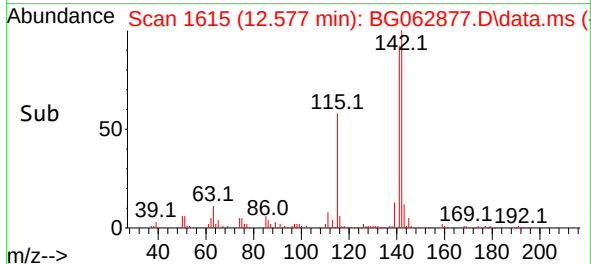
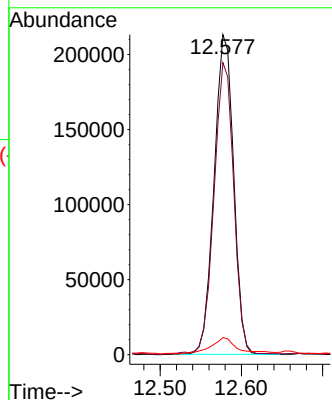
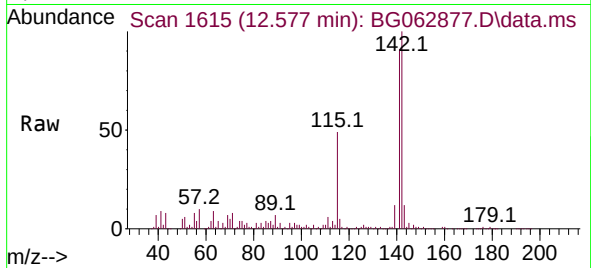
Tgt Ion:142 Resp: 356078

Ion Ratio Lower Upper

142 100

141 91.2 71.1 106.7

116 5.3 3.0 4.6#



#41

2,4,6-Trichlorophenol

Concen: 2.141 ng/ul

RT: 12.965 min Scan# 1681

Delta R.T. 0.001 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

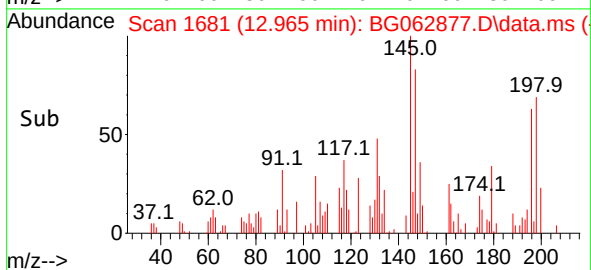
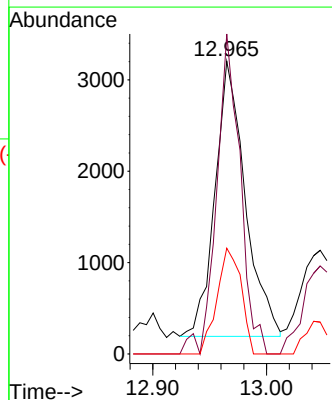
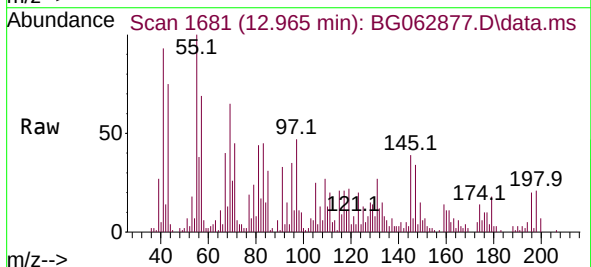
Tgt Ion:196 Resp: 5565

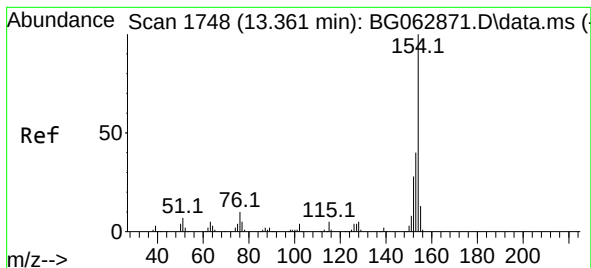
Ion Ratio Lower Upper

196 100

198 109.3 76.2 114.4

200 36.1 26.0 39.0





#43

1,1'-Biphenyl

Concen: 4.957 ng/ul

RT: 13.364 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

Instrument :

BNA_G

ClientSampleId :

DDC52

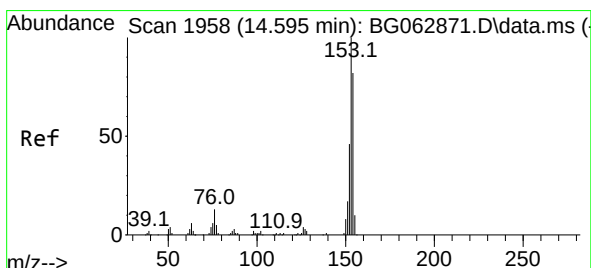
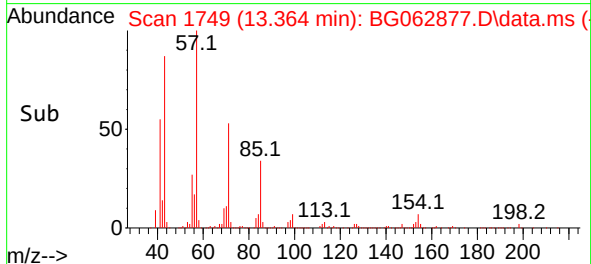
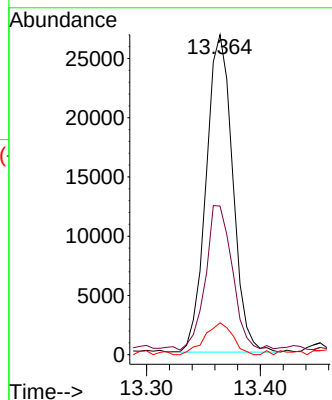
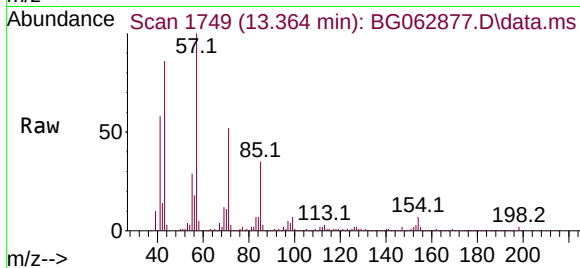
Tgt Ion:154 Resp: 43510

Ion Ratio Lower Upper

154 100

153 46.4 33.4 50.0

76 9.9 10.1 15.1#



#52

Acenaphthene

Concen: 3.705 ng/ul

RT: 14.598 min Scan# 1959

Delta R.T. 0.001 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

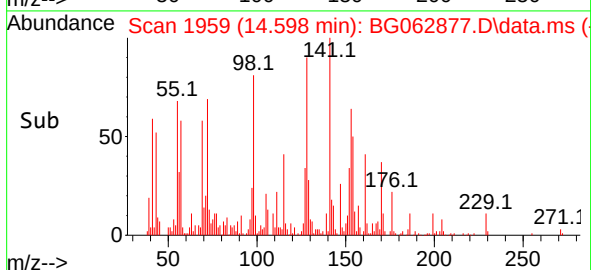
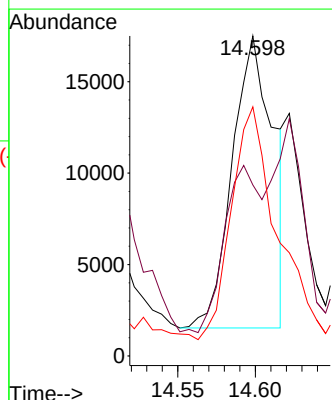
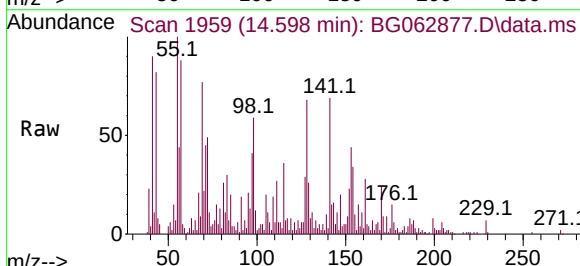
Tgt Ion:153 Resp: 29579

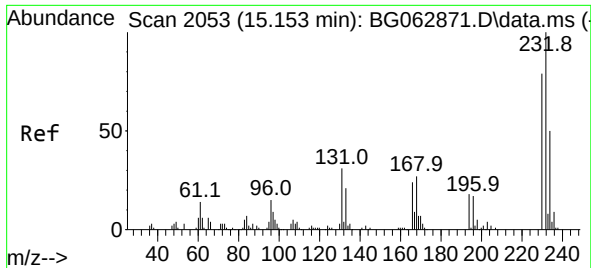
Ion Ratio Lower Upper

153 100

152 53.4 37.2 55.8

154 77.9 67.8 101.6

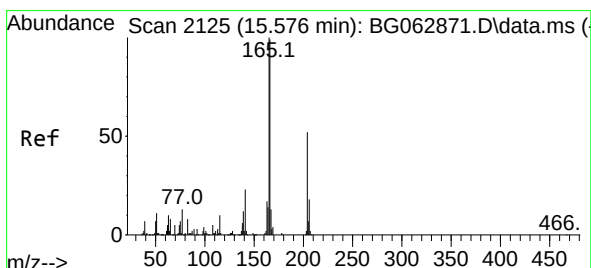
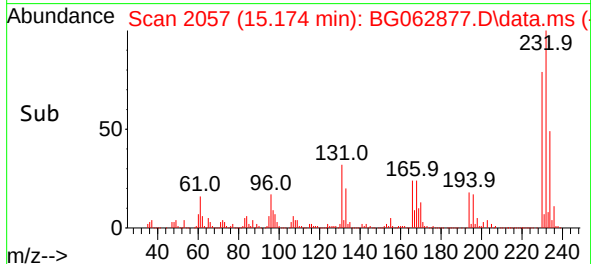
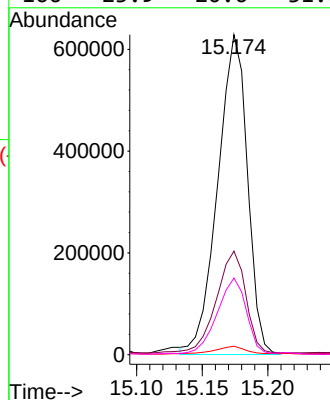
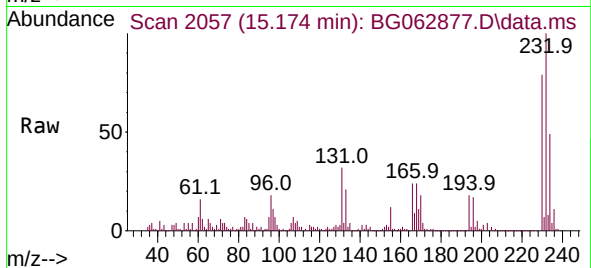




#58
2,3,4,6-Tetrachlorophenol
Concen: 349.638 ng/ul
RT: 15.174 min Scan# 2057
Delta R.T. 0.019 min
Lab File: BG062877.D
Acq: 16 Sep 2024 12:28

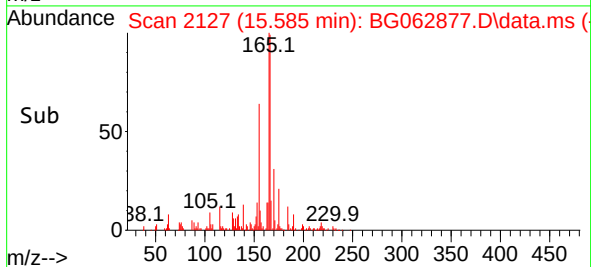
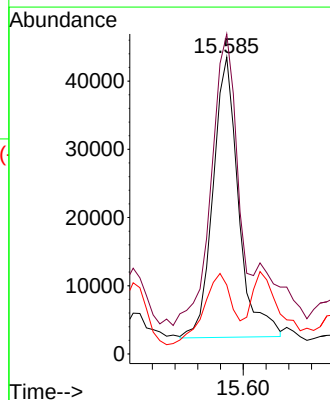
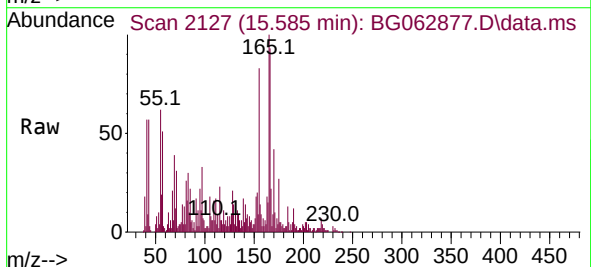
Instrument :
BNA_G
ClientSampleId :
DDC52

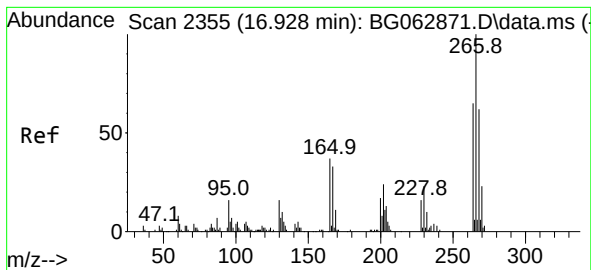
Tgt Ion:232 Resp: 988825
Ion Ratio Lower Upper
232 100
131 32.4 26.6 40.0
130 2.6 1.6 2.4#
166 23.9 20.6 31.0



#61
Fluorene
Concen: 6.892 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.007 min
Lab File: BG062877.D
Acq: 16 Sep 2024 12:28

Tgt Ion:166 Resp: 64207
Ion Ratio Lower Upper
166 100
165 107.8 80.9 121.3
167 23.2 10.9 16.3#





#71

Pentachlorophenol

Concen: 4010.726 ng/uI

RT: 17.013 min Scan# 21

Delta R.T. 0.083 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

Instrument :

BNA_G

ClientSampleId :

DDC52

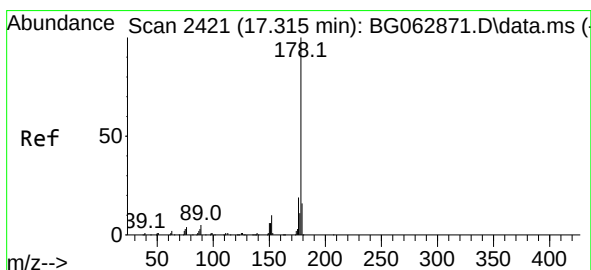
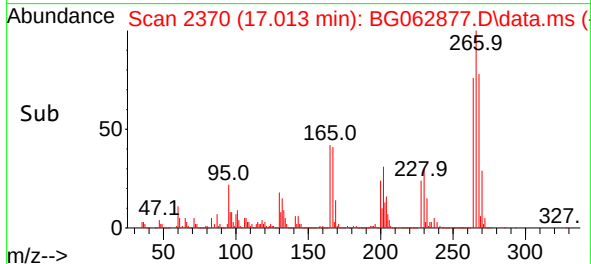
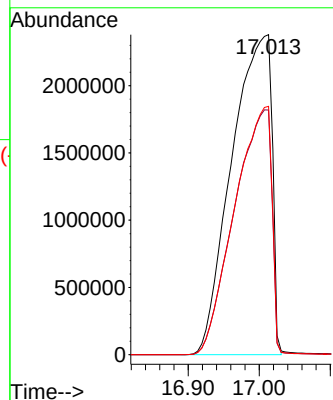
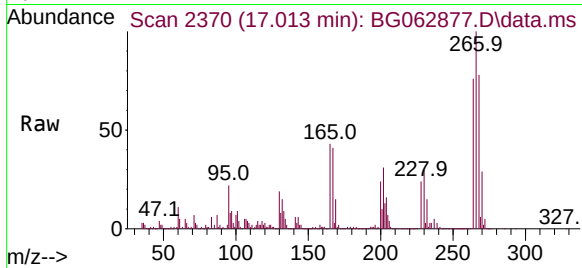
Tgt Ion:266 Resp: 9307281

Ion Ratio Lower Upper

266 100

264 76.4 48.6 72.8#

268 77.6 49.5 74.3#



#72

Phenanthrene

Concen: 22.147 ng/uI

RT: 17.336 min Scan# 2425

Delta R.T. 0.013 min

Lab File: BG062877.D

Acq: 16 Sep 2024 12:28

Tgt Ion:178 Resp: 340093

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

176 18.7 14.9 22.3

